

**Notice of Allowability**

Application No.

10/611,923

Applicant(s)

YONENO ET AL.

Examiner

Prabodh M. Dharja

Art Unit

2629

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 10-03-2006.
2. ☒ The allowed claim(s) is/are 12,14,15,16,18,19 and renumbered as 1-6.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
  1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

Art Unit: 2629

1. **Status:** Please all the replies and correspondence should be addressed to Examiner's new art unit 2629. Receipt is acknowledged of papers submitted on 10-03-2006 under amendments, which have been placed of record in the file. Claims 12,14,15,16,18 and 19 are pending in this action. Applicant has cancelled claims 1-11,13 and 17.

***Response to Amendment***

2. Applicant has amended independent claims 12 and 16 by adding objected claims 13, and 17 limitations. Applicant has cancelled claims 1-11,13 and 17; claims 12,14,15,16,18 and 19 are pending. Applicant's arguments, see Remark, filed 10-03-06, with respect to Claims 12,16 regarding "the input device includes: a tapping sound detector configured to detect a tapping sound made by a user on a screen to generate a tapping sound detection signal; a microphone detachably attached to the screen and in communication with the tapping sound detector; a converter configured to convert the tapping sound detection signal into the input operation signal simulating an operation of a specific input device; and an operation signal output device configured to output the input operation signal, wherein the image supply device prohibits output of a new input operation signal from the input device for a predetermined period of time after receiving a previous input operation signal from the input device" have been fully considered, searched and are persuasive as they do overcome prior art rejection; which puts application number 10611923 in condition for allowance.

3. Applicant amended the independent claims 12 and 16 has no new matters added to the claims. The amended claims do have support in specification.

*Allowable Subject Matter*

4. Claims 12,14,15,16,18 and 19 are allowed.

5. The following is an examiner's statement of reasons for allowance:

Applicant's argument filed on 10-03-2006 are convincing. As argued by applicant in remarks under claim rejection page 5, paragraph 4, and page 6, paragraphs 1,2 the prior art of Yavid et al. (US 2002/0125324 A1) in view of Coulter et al. (6,304,638); Westerman et al. (6,323,846 B1) and Feinstein (6,466,198 B1) fails to recite or disclose the uniquely distinct features represented by underlined bold claim below;

An image display system comprising: an image supply device; an image display device configured to display an image represented by image information supplied from the image supply device; and an input device configured to supply to the image supply device an input operation signal representing operations of a specific input device, the input device includes: **a tapping sound detector configured to detect a tapping sound made by a user on a screen to generate a tapping sound detection signal; a microphone detachably attached to the screen and in communication with the tapping sound detector; a converter configured to convert the tapping sound detection signal into the input operation signal simulating an operation of a specific input device; and an operation signal output device configured to output the input operation signal, wherein the image supply device prohibits output of a new input operation signal from the input device for a predetermined period of time after receiving a previous input operation signal from the input device.**

Art Unit: 2629

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### *Conclusion*

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Prabodh M Dharia whose telephone number is 571-272-7668. The examiner can normally be reached on M-F 8AM to 5PM.
7. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.
8. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231

PD

AU2629

October 10, 2006

  
BIPIN SHALWALA  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2800